

累乗の和の計算

名前 _____

月 日 _____

分 秒 _____

(1) $-(-4)^3 + (-5)^2$

(2) $5^2 + 1^7$

(3) $(-6)^3 + 2^2$

(4) $1^9 - (-4)^2$

(5) $-3^5 - 4^2$

(6) $(-5)^2 + (-6)^3$

(7) $-(-3)^4 - (-3)^3$

(8) $-1^4 - 3^5$

累乗の和の計算（解答）

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$$\begin{aligned}(1) \quad -(-4)^3 + (-5)^2 &= -(-64) + 25 \\ &= 64 + 25 \\ &= 89\end{aligned}$$

$$\begin{aligned}(2) \quad 5^2 + 1^7 &= 25 + 1 \\ &= 26\end{aligned}$$

$$\begin{aligned}(3) \quad (-6)^3 + 2^2 &= (-216) + 4 \\ &= -216 + 4 \\ &= -212\end{aligned}$$

$$\begin{aligned}(4) \quad 1^9 - (-4)^2 &= 1 - 16 \\ &= -15\end{aligned}$$

$$\begin{aligned}(5) \quad -3^5 - 4^2 &= -243 - 16 \\ &= -259\end{aligned}$$

$$\begin{aligned}(6) \quad (-5)^2 + (-6)^3 &= 25 + (-216) \\ &= 25 - 216 \\ &= -191\end{aligned}$$

$$\begin{aligned}(7) \quad -(-3)^4 - (-3)^3 &= -81 - (-27) \\ &= -81 + 27 \\ &= -54\end{aligned}$$

$$\begin{aligned}(8) \quad -1^4 - 3^5 &= -1 - 243 \\ &= -244\end{aligned}$$